

ABSTRACT OF THE DISCLOSURE

A high frequency semiconductor integrated circuit includes a main circuit, a circuit block, a pad, and a wire. The main circuit includes an input terminal, a transistor, transmission lines, a pad, and an output terminal. The circuit block includes a passive circuit, and a capacitor. The pad is disposed close to the circuit block. The wire connects the pad to the pad included in the main circuit. In the high frequency semiconductor integrated circuit, the main circuit outputs an input signal inputted at the input terminal from the output terminal through the transistor, the transmission line, the pad and another transmission. As a result, the high frequency semiconductor integrated circuit can realize various kinds of its performances and thereby can be used to many applications.